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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: INHIBITING CAV3 ISOFORMS AND THE δ 25B SPLICE VARIANTS FOR THE DIAGNOSIS AND TREATMENT OF CANCER

(57) Abstract: The invention provides a pharmaceutical composition comprising an antibody that specifically binds to a Cav3 isoform or its δ 25 splice variants thereof. The present invention also relates to compositions and methods for inhibiting cancer cell proliferation, preventing, treating and/or controlling cancer and/or related disorders in a patient by administering to the patient a therapeutically effective amount of the T type calcium channel selective inhibitor. A preferred T type calcium channel selective inhibitor is mibefradil.



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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/04281

A. CLASSIFICATION OF SUBJECT MATTER

IPC: A61K 39/395(2006.01);49/00(2006.01);C07K 16/00(2006.01);G01N 33/53(2006.01)

USPC: 424/130.1,9.1;530/387.1;435/7.1

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 424/130.1,9.1; 530/387.1; 435/7.1

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,191,156 (KIFOR et al) 20 February 2001 (20.02.2001), column 23, lines 10-40.	1-2, 5
A	US 6,255,457 (SCHNITZER) 3 July 2001 (03.07.2001), see entire document.	1-15
A	SONG et al Expression of Caveolin-3 in Skeletal, Cardiac, and Smooth Muscle Cells. J. Biol. Chem. June 1996, Vol. 271, No. 25, pages 15160-15165, see entire document.	1-15

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

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"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O"	document referring to an oral disclosure, use, exhibition or other means	"&"	document member of the same patent family
"P"	document published prior to the international filing date but later than the priority date claimed		

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